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	subjected for weeks to a pressure of about 1, for use in autoclaves.	UUU atmosph	neres, are required 	SIB
5.	Work on the development of the electron-multi	nlier tube	was continued. The	¬ (
	first set including the mains unit was to by mid-December 1954. In early January 1955			
	had actually been delivered. The developmen			
	continued by Herr Hauenstein after Dr. Buch			
	Engineering College at Ilmenau as a lecture			
6.	In the summer of 1954, many Czechs, Poles,		III F	GIB
	visited the Zame was in Jena.		ILLE	
7.	By ess had		76.78	
	mod compute			
	Dev Entwick Dr. ncentra			•
	devices for machine tools in Jerna La	d already 1	received an ord LLE	GIB
	for the development of automatic measuring an lathes. Dipl. Ing. Dietrich of Development Bu			
	Electric measuring sets were also said to be	scheduled i	for development.	1
_				V
8.	The model Oprema electronic computer, the oper preset, was to be put into operation on 1 May	rations of v	equipment which	`` . = <del>-</del> -
	is a "4-Address" (?) computer, was designed a	as a	e. The	LEGIB /
	second electronic computer was scheduled to be the latter set is to be used at the Zeiss Wol	-	June 1955. cal computing.	ĺ
	Final decisions on the personnel to operate t		yet been	لنعينية
	taken.			2.
9/	In late January 1955	Fr. 12		
	Technology visited t			i.
	learned that Prof. I of Technology developed two electronic comput	ters which	were built by the	
	RFT-Geraetewerk at Chemnitz (apparatus plant	for radio a	and telecommuni	Ğ <u>İ</u> B
	engineering techniques). The computer was a soperating at a speed eight times higher than	an - catte a or	ne-warrenn ne i	1
	operating at a speed eight times higher than computer. Each of the sets built at Chemnitz	is fitted	with 600 triodes	/
	expressly manufactured for this purpose.		the	`25X1
	storage unit of the set still worked in an ur difficulties had also been experienced in the	isatisgacto: ; making of	ry way and that construction	
	drawings. One of the sets produced was delived	ered to the	Dresden Institute	į
	of Technology, while the other computer remai	ined in Cher	mnitz. It was not	
	intended to manufacture the more of these elemann also said that Czechoslovakia had dev	reloped a ne	ew electronic	Λ į
	computer designed as a 5-address relay comput	ter with 20	contact planes.	
10.	W	i	<sub>  1</sub>	EGIB
- 6				
L	interested in details. On 4 March, an Hungari	ian profess	or from Budapest	<u>_</u> }.··
	visisted the Zeiss Works and inquired concern model Oprema electronic somputer. On 28 March	h, the comp	uter was inspected	
	by a correspondent of the pravda newspaper wh	ho had come	to Jena via	
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	. SECDEM			25X1

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	Bulgaria, Rumania, Hungary, and Prague.  On 29 March, a Soviet	\ 25X1
	official from Berlin who previously had been adviser to the Soviet Minister of Machine Construction, visited the Zeiss Works and also inspected the electronic computer. The Leuna Works were also greatly interested in an electronic computer of the type developed by the Zeiss Works.	25X1
11.	Since early 1955, the most important project handled by EHL had been the development of a gyro-controlled aerial mapping camera. The development work was controlled by Dr. Kortum.	·
12.	Development Bureau O of EHL. which was headed by Dipl. Ing. Dietrich, the successor to Oberingen scheduled to develop e been received by early artillery fire directo successor to Oberingen scheduled to develop e been received by early artillery fire directo seem received.	LEGIB
13.	In 1954, Dr. Kortum worked on the development of a receiver for infrared rays and made efforts to catch up with the technical achievements of the West in this field. The radiation weceiver was to incorpose to incorpose to incorpose the cell which were designed to give the equipment that of American radiation receivers. This work because it had ended in an impass.	
14. D	At the ELQ Laboratory of EHL, Wittig, a master mechanic, manufactured LLE shutters for bolometers. Purely development work was involved difficulties were apparently experienced in the course of this.  Ing. Lensky who is attached to Dipl. Ing. Dietrich stated that electron-multiplier tubes were being built at the Zeiss Works. Details were not	GIB ,
	available.	
16.	Air force training sets of type A <sub>1</sub> were being built at Dr. Ing. Knothe's Department (ELGM Department) of the Suedwerk (Southern Plant). During the Sew years, the A <sub>1</sub> sets had repeatedly been modified. In March 19 the entire training to the A <sub>2</sub> sets were checked and supplemented haste. It was believed possible that a KVP mission might have the provided with acceptance records for the A <sub>1</sub> set. Some mechanics of the March Department who had been detached to other departments were recalled in mid-March.	
17.	The electronis computer developed in Jena was set up on the second floor of the Zeiss <u>Hochhaus</u> (skyscraper), Entrance No. 6. The equipment was frequently inspected by commissions, in late January 1955 by a KVP commission.	
	1. Probably Dr. Alfred Eckardt.	25X1
οK	2. Oprema SECRETCh	25X1
	3. Not Curther identified.	
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